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O Gutmann, R Niekrawietz, R Kuehlewien, CP ... - Sensors & Actuators: A. Physical, 2004 - Elsevier

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O Gutmann, R Niekrawietz, CP Steinert, H Sandmaier ... - TRANSDUCERS, Solid-State Sensors, Actuators and Microsystems ... 2003 - [ieeexplore.ieee.org](#)

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CP Steinert, I Goutier, O Gutmann, H Sandmaier, M ... - Sensors & Actuators: A. Physical, 2004 - Elsevier

... where he develops a dispensing device for ... of life sciences with a main focus on microarray fabrication. ... besides topics in technology, fabrication, and modelling ...

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[A Biochip Microarray Fabrication System Using Inkjet Technology](#)

W Fisher, M Zhang - Automation Science and Engineering, IEEE Transactions on [...], 2007 - [ieeexplore.ieee.org](#)

... The microarray fabrication system can be regarded as a man ... To move substrates around the fabrication cell, a ... Inkjet head dispensing is the main function of the ...

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WD Fisher - US Patent 6,589,739, 2003 - [freepatentsonline.com](#)

... operation of a droplet dispensing head, light source, and sensor conducted in ... BioChip Array: Automated DNA Microarray Fabrication", Packard Instrument ...

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M Mosbach, H Zimmermann, T Laurelli, J Nilsson, E ... - Biosensors and Bioelectronics, 2001 - Elsevier

... groups with the activated carboxylic head-groups at ... a model for the possible fabrication of multi-sensor structures using micro-dispensing technology, two ...

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G Walter, K Büssow, D Cahill, A Lueking, H Lehrach - Current Opinion in Microbiology, 2000 - Elsevier
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[PDF] [An Automated Biological Fluid Dispensing System For Microarray Fabrication Using Inkjet Technology](#) - all 2 versions »

W Fisher, M Zhang - Robotics and Automation, 2006. ICRA 2006. Proceedings 2006 ..., 2006 -
robocup.csu.edu.cn

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S Parthasarathy, T Wang, K Gandhi, P Soteropoulos - IEEE Transactions on Automation Science and
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